



## MUSEOLOGY

Enrollment year	2016/2017
Academic year	2018/2019
Regulations	DM270
Department	DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES
Course	NATURAL SCIENCES AND TECHNOLOGIES
Curriculum	PERCORSO COMUNE
Year of study	3°
Period	2nd semester (04/03/2019 - 14/06/2019)
ECTS	6
Language	Italian
Prerequisites	No prerequisite.
Learning outcomes	The aim of the course is to train experts able to act in museums and didactic-scientific centers with a mostly scientific-geologic address.
Course contents	<p>In the first part of the course, the history of the museological thought and the evolution of the museums (collections in the Middle Ages, Renaissance cabinets, museums in the 19th and 20th century), are illustrated. It will be point out that the evolution of the systematic of minerals, rocks and fossils is in close relationship with the increase of the knowledge and the techniques of research.</p> <p>The several types of the Scientific Museums will be dealt and will be explained several methods about the preparation, conservation, repair, cataloguing and exhibition of the geological materials (minerals, rocks and fossils).</p> <p>The problems about the alteration of the geological materials due to light, humidity, oxidation, temperature, etc. and all the other problems that can occur during the management of a museum (architectonic and technical problems) are illustrated in detail.</p> <p>The concepts of communication with a particular attention to the development of new media products such as websites that allows making a virtual visit of the museums; the standing and mission of a museum; types of exposition presentation are illustrated.</p>

## Teaching methods

Classroom lectures and visits to the mineralogical museum.

**Reccomended or required  
readings**

Teaching material provided free by the teacher. Notes from lesson, articles of magazines.

Cipriani C., Appunti di museologia naturalistica. Firenze University Press, Firenze, 2006.



Oral test





Oral test

The activity is split

508283 - **MUSEOLOGY - PART 1**

508284 - **MUSEOLOGY - PART 2**



MUSEOLOGY - PART 1	
Enrollment year	2016/2017
Academic year	2018/2019
Regulations	DM270
Academic discipline	GEO/06 (MINERALOGY)
Department	DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES
Course	NATURAL SCIENCES AND TECHNOLOGIES
Curriculum	PERCORSO COMUNE
Year of study	3°
Period	2nd semester (04/03/2019 - 14/06/2019)
ECTS	3
Lesson hours	24 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	CALLEGARI ATHOS MARIA (titolare) - 3 ECTS
Prerequisites	No prerequisite. No special prerequisites are required, however, since it is an interdisciplinary subject with a technological and administrative component, it is useful to have an open approach to information of a different nature.
Learning outcomes	The aim of the course is to train experts able to act in museums and didactic-scientific centers with a mostly scientific-geologic address. The learning outcomes are summarized in: acquisition of administrative notions (laws and regulations) necessary for the management of museums and acquisition of the necessary technical expertise (preparation, protection) for a correct conservation of geological materials.
Course contents	In the first part of the course, the history of the museological thought and the evolution of the museums (collections in the Middle Ages,

	<p>Renaissance cabinets, museums in the 19th and 20th century), are illustrated. It will be point out that the evolution of the systematic of minerals, rocks and fossils is in close relationship with the increase of the knowledge and the techniques of research.</p> <p>The several types of the Scientific Museums will be dealt and will be explained several methods about the preparation, conservation, repair, cataloguing and exhibition of the geological materials (minerals, rocks and fossils).</p> <p>The problems about the alteration of the geological materials due to light, humidity, oxidation, temperature, etc. and all the other problems that can occur during the management of a museum (architectonic and technical problems) are illustrated in detail.</p> <p>The concepts of communication with a particular attention to the development of new media products such as websites that allows making a virtual visit of the museums; the standing and mission of a museum; types of exposition presentation are illustrated.</p>
<b>Teaching methods</b>	Classroom lectures with Power Point presentations and visits to the mineralogical museum.
<b>Reccomended or required readings</b>	<p>Teaching material used during lessons provided free by the teacher. Notes from lesson, articles of magazines.</p> <p>Cipriani C., Appunti di museologia naturalistica. Firenze University Press, Firenze, 2006.</p>
<b>Assessment methods</b>	Oral test. The exam will cover the administrative and theoretical-practical topics dealt with during the course. The aim is to verify the degree of assimilation of the notions of museology and museography required to operate within a museum. The final grade is given by the average of the grades obtained in module 1 and module 2.
<b>Further information</b>	Oral test. The exam will cover the administrative and theoretical-practical topics dealt with during the course. The aim is to verify the degree of assimilation of the notions of museology and museography required to operate within a museum. The final grade is given by the average of the grades obtained in module 1 and module 2.
<b>Sustainable development goals - Agenda 2030</b>	<a href="#">\$Ibl legenda sviluppo sostenibile</a>



MUSEOLOGY - PART 2	
Enrollment year	2016/2017
Academic year	2018/2019
Regulations	DM270
Academic discipline	BIO/05 (ZOOLOGY)
Department	DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCES
Course	NATURAL SCIENCES AND TECHNOLOGIES
Curriculum	PERCORSO COMUNE
Year of study	3°
Period	2nd semester (04/03/2019 - 14/06/2019)
ECTS	3
Lesson hours	24 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	RAZZETTI EDOARDO - 3 ECTS
Prerequisites	No special prerequisites are required, however, it is advisable to have basic notions of systematic zoology
Learning outcomes	The course aims to train experts able to work in museums and scientific-educational centres with particular reference to the scientific and zoological ones.
Course contents	The second part of the course will cover aspects of Museology and Museography, describing the activities and organization of modern scientific museums (research, conservation, communication), with particular reference to Zoological ones. The program include topics such as the definition of a museum, the mission of these structures, their identity, the current legislative framework, structure and function of permanent and temporary exhibitions, methodology and terminology of type specimens. Part of the course will be devoted to more practical aspects: acquisition and preparation of zoological specimens,

	<p>cataloguing, and especially housing and maintenance of collections including restoration of damaged specimens. Finally there will be a short excursus on the peculiarities of some Italian scientific museums.</p>
<b>Teaching methods</b>	<p>Lectures and visits to the museums of the Sistema Museale di Ateneo and in particular to the laboratories and collections of the Museum of Natural History of the University. An historical approach will be adopted to show how the exhibitions and the concept of museum have changed over the centuries. During the lessons some specimens will be shown which could be the subject of questions during the exam.</p>
<b>Reccomended or required readings</b>	<p>Handouts, papers and lecture slides are available from the teacher.</p>
<b>Assessment methods</b>	<p>Oral examination. The oral test consists of an interview on the topics of the program, aimed at ascertaining the basic knowledge of museology, the techniques of preparation and exposition of the specimens and the activities of conservation, restoration and cataloging as well as on the history of the discipline.</p>
<b>Further information</b>	
<b>Sustainable development goals - Agenda 2030</b>	<p><a href="#">\$lbl legenda sviluppo sostenibile</a></p>